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(503) 906-9200 FAX 906-9210
(541) 383-9310 FAX 382-7588

Work Order #: M106055

CLIENT: BRISTOL				INVOICE TO: BRISTOL				TURNAROUND REQUEST in Business Days*							
REPORT TO: ANNE KRANAWETTER								Organic & Inorganic Analyses							
ADDRESS: AMCHITKA ISLAND, ALASKA								10 7 5 4 3 2 1 <1							
PHONE: 907-770-0974 FAX: 770-0975				P.O. NUMBER: 21090				STD. 5 4 3 2 1 <1							
PROJECT NAME: AMCHITKA				REQUESTED ANALYSES				STD. OTHER Please Specify							
PROJECT NUMBER: 21090															
SAMPLED BY:															
CLIENT SAMPLE IDENTIFICATION		SAMPLING DATE/TIME		HCH				MATRIX (W, S, O)		# OF CONT.		COMMENTS		NCA WO ID	
1. 01Amc4201SL		6/16/01 1730		X				S		1					
2. 01Amc4202SL		6/16/01 1740		X				S		1					
3.															
4.															
5.															
6.															
7.															
8.															
9.															
10.															
11.															
12.															
13.															
14.															
15.															
RELINQUISHED BY: Anne Kranawetter				DATE: 6/16/01				RECEIVED BY: Craig Brodeur				DATE: 6/16/01			
PRINT NAME: Anne Kranawetter FIRM: BRISTOL				TIME: 1750				PRINT NAME: Craig Brodeur FIRM: NCA				TIME: 1750			
RELINQUISHED BY:				DATE:				RECEIVED BY:				DATE:			
PRINT NAME:				TIME:				PRINT NAME:				TIME:			
ADDITIONAL REMARKS:												TEMP: 6.2		PAGE 1 OF 1	



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-9223
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503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588

6 December, 2001

Anne Kranawetter
Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

RE: Amchitka

Enclosed are the results of analyses for samples received by the laboratory on 06/16/01 17:58. If you have any questions concerning this report, please feel free to contact me.

This report was recreated from a previously issued final report in order to provide an electronic copy. The final report used for these electronic copies may have been previously issued as an amended report due to client requested changes to sample names, etc. No data has changed since submission of the previously issued final, or amended, report.

Sincerely,

Stephen Wilson
Environmental Group Leader

Work Orders included in this report:

M106055



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Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
06/19/01 13:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
01AMC4201SL	M106055-01	Soil	06/16/01 17:30	06/16/01 17:58
01AMC4202SL	M106055-02	Soil	06/16/01 17:40	06/16/01 17:58

C. O. C. # 94

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

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Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
06/19/01 13:09

Hydrocarbon Identification per NW-TPH Methodology North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
01AMC4201SL (M106055-01) Soil					Sampled: 06/16/01 Received: 06/16/01				
Gasoline Range Hydrocarbons	213	9.78	mg/kg	1	NWTPH HCID	06/17/01	06/18/01	0106060	D-10
Diesel Range Hydrocarbons	11200	24.5	"	"	"	"	"	"	E-01
Heavy Oil Range Hydrocarbons	2250	48.9	"	"	"	"	"	"	E-01
<i>Surr: 1-Chlorooctadecane</i>	<i>40.1 %</i>	<i>50-150</i>							<i>S-09</i>
01AMC4202SL (M106055-02) Soil					Sampled: 06/16/01 Received: 06/16/01				
Gasoline Range Hydrocarbons	491	99.8	mg/kg	1	NWTPH HCID	06/17/01	06/18/01	0106060	D-10
Diesel Range Hydrocarbons	32200	250	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	8960	499	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>NR</i>	<i>50-150</i>							<i>S-02</i>

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

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Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
06/19/01 13:09

Hydrocarbon Identification per NW-TPH Methodology - Quality Control

North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 0106060 - TPH-HCID (WA)

Blank (0106060-BLK1)

Prepared: 06/17/01 Analyzed: 06/18/01

Gasoline Range Hydrocarbons	ND	10.0	mg/kg
Diesel Range Hydrocarbons	ND	25.0	"
Heavy Oil Range Hydrocarbons	ND	50.0	"

<i>Surr: 1-Chlorooctadecane</i>	<i>10.5</i>		<i>"</i>	<i>10.0</i>	<i>105</i>	<i>50-150</i>
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North Creek Analytical - Mobile Lab

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Project: Amchitka
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Reported:
06/19/01 13:09

Notes and Definitions

D-10 Detected hydrocarbons in the gasoline range appear to be due to overlap of diesel range hydrocarbons.

E-01 Estimated value. The reported value exceeds the calibration range of the analysis.

R-05 Reporting limits raised due to dilution necessary for analysis.

S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.

S-09 Surrogate recovery is outside control limits due to matrix interference.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.

wet Sample results reported on a wet weight basis (as received)

RPD Relative Percent Difference

North Creek Analytical - Mobile Lab

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Environmental Laboratory Network

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Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Report recreated from: \\sisters\elmnt\Report\M106055 FINAL 06 19 01 1309.mdb Default Report (not modified)
M106055-01	NW-HCID mod	Gasoline Range Hydrocarbons	D-10
M106055-01	NW-HCID mod	Heavy Oil Range Hydrocarbons	E-01
M106055-01	NW-HCID mod	Diesel Range Hydrocarbons	E-01
M106055-01	NW-HCID mod	1-Chlorooctadecane	S-09
M106055-01	NW-HCID mod	1-Chlorooctadecane	Exceeds lower control limit
M106055-02	NW-HCID mod	Gasoline Range Hydrocarbons	D-10
M106055-02	NW-HCID mod		R-05
M106055-02	NW-HCID mod	1-Chlorooctadecane	S-02